

Title (en)

Silver halide colour photographic light-sensitive material and image forming method

Title (de)

Farbphotographisches, lichtempfindliches Silberhalogenidmaterial und Bildherstellungsverfahren

Title (fr)

Matériau photographique à l'halogénure d'agent sensible à la lumière pour la formation d'images en couleurs et procédé de formation d'images.

Publication

EP 0727708 B1 20060125 (EN)

Application

EP 96102187 A 19960214

Priority

- JP 4928795 A 19950215
- JP 33421195 A 19951130

Abstract (en)

[origin: EP0727708A1] There is disclosed a light-sensitive material comprising, in a hydrophilic colloid provided on a base, a color-developing agent represented by formula (I) or (II): $\text{<CHEM> R3-NHNH-Z<2>}$ wherein Z<1> represents an acyl group, a carbamoyl group, an alkoxy carbonyl group, or an aryloxy carbonyl group; Z<2> represents a carbamoyl group, an alkoxy carbonyl group, or an aryloxy carbonyl group; X<1>, X<2>, X<3>, X<4>, and X<5> each represent a hydrogen atom or a substituent, provided that the sum of the Hammett substituent constant sigma p values of X<1>, X<3>, and X<5> and the Hammett substituent constant sigma m values of X<2> and X<4> is 0.80 or more but 3.80 or below; and R<3> represents a heterocyclic group. There is also disclosed a novel color-developing agent that can be built in. By using the color-developing agent, the light-sensitive material can attain a rapid and simple formation of an image.

IPC 8 full level

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Citation (examination)

- JP H07325358 A 19951212 - FUJI PHOTO FILM CO LTD
- EP 0545491 A1 19930609 - KODAK LTD [GB], et al
- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 04 30 April 1996 (1996-04-30)

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